

**CLASS SPECIFICATION**

**SAN DIEGO CITY CIVIL SERVICE COMMISSION**

**PLANT TECHNICIAN III**

**DEFINITION**

Under general supervision, to perform difficult maintenance, overhaul, repair and installation work on a wide variety of complex mechanical equipment at a water or sewage treatment plant or major pump station; to lead a crew in the repair and maintenance of such equipment; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Inspects, installs, maintains, repairs, and overhauls a wide variety of complex and dissimilar mechanical equipment such as centrifugal, positive displacement, air ejector, turbine, sump, carbon, metering, and transfer pumps;
- Installs, maintains, and repairs various valves, traveling screens, chemical mixing units, speed reducers, gear reduction units, chlorinators and similar water and sewage equipment of comparable complexity;
- Diagnoses and directs repair of complex mechanical problems on gear and chain-driven equipment for grit chambers, liquid rheostats, gasoline driven carts, low pressure boilers, and heating and ventilation system blowers;
- Repairs grinders and mechanical conveyers;
- Removes, replaces, and overhauls hoists, flights, and cross collectors;
- Repairs high pressure hydraulic pumps and systems;
- Installs necessary piping systems;
- Plans, assigns, trains and leads the work of a crew engaged in repairing a broad range of complex water and sewage mechanical equipment;
- Inspects work in progress and upon completion;
- Maintains logs;
- Prepares reports and keeps records;
- As directed, applies productivity time guidelines and other required data to work repair forms;
- Drives a light truck;
- May perform minor gas and arc welding on a limited base.

**MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Three years of experience maintaining, overhauling, repairing and installing mechanical equipment in an industrial application such as at a water/wastewater facility or pump station. Qualifying experience must include working on the following mechanical equipment: pumps, valves and piping systems, compressors, gear drive units/speed reducers, chemical feeders, and blowers. Possession of a valid California Class C Driver's License.

- \* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.